



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H140302

Mode: Highway

Status: Submitted

US-74 ALT (Fairview Road)

From/Cross Street: NC 81 Swannanoa River Road

Specific Improvement Type: 11 - Access Management

To: Cedar Street

Project Category: Regional Impact

Length: 0.93

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$11,889,000

Description:

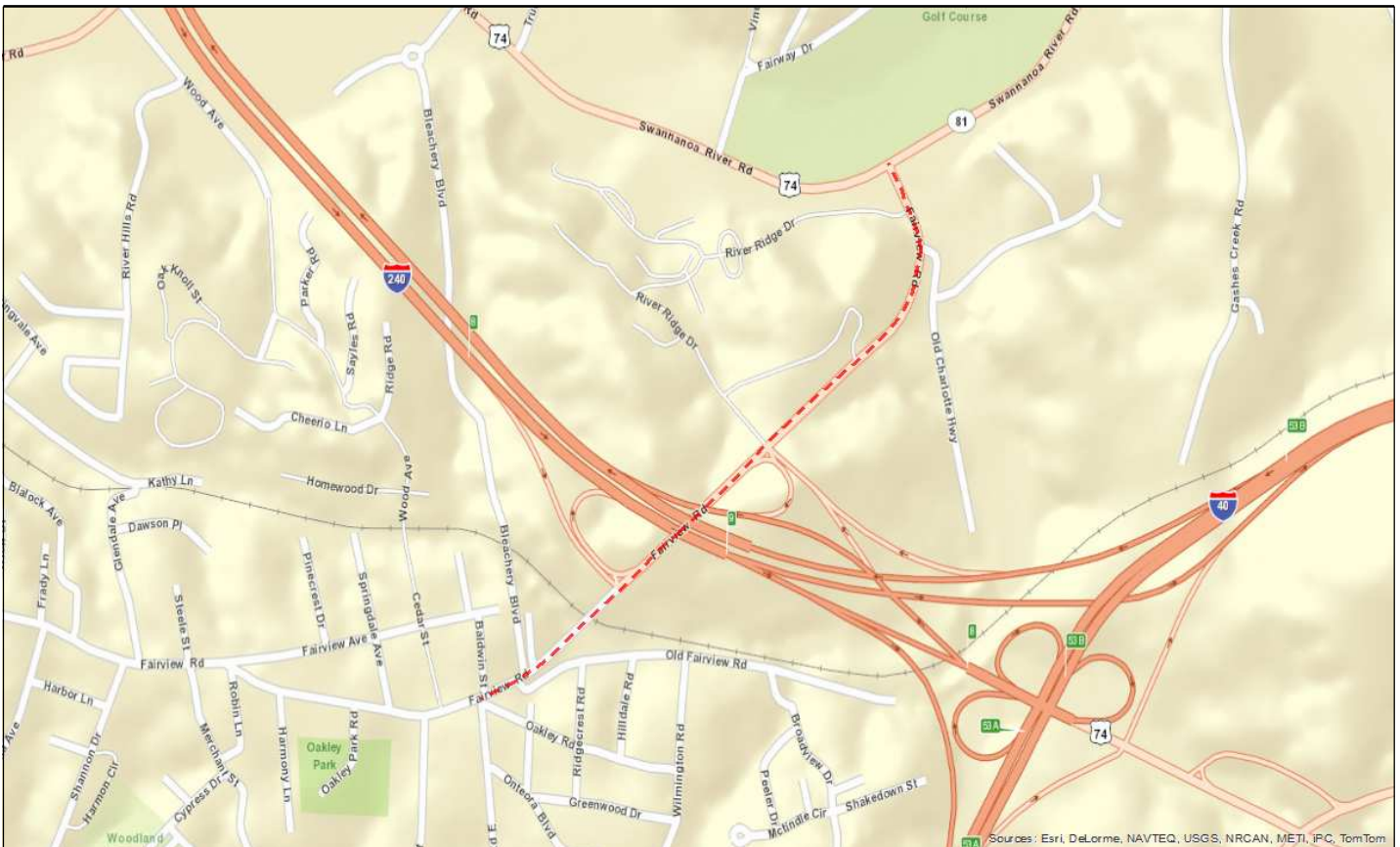
Implement Access Management and spot intersection improvements

Division(s): Division 13

County(s): BUNCOMBE

MPOS(s)/RPO(s): French Broad River MPO

Project Location



Statewide Mobility Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	N/A	N/A

Regional Impact Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (25%) 32.27	Percent: 15% Points:	Percent: 15% Points:
Safety (10%) 89.41		
[Travel Time] Benefit/Cost (25%) 0.08		
Accessibility / Connectivity (10%) 4.69		
Totals: Weight: 70% Weighted Score: 17.5		

Division Needs Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 32.27	Percent: 25% Points:	Percent: 25% Points:
Safety (10%) 89.41		
[Travel Time] Benefit/Cost (20%) 0.08		
Totals: Weight: 50% Weighted Score: 15.41		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	41
Length (miles):	0.93
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Major Collector
Terrain Type:	Rolling
Lane Width:	12
Paved Shoulder Width:	4
Roadway has Curb & Gutter?	No
Volume (AADT):	14076.43
Capacity:	31700
Volume/Capacity Ratio:	0.44
% Autos:	100%
% Trucks:	0%
Truck Volume:	0
Crash Density:	80.67
Crash Severity:	87.81
Critical Crash Rate:	99.76
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	3
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	17
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	55
Actual Congested Speed:	0
Travel Time Index:	

Project Benefits

Project Cross-Section:	4G - 4 Lane Divided (17'-6" Raised Median) with Curb & Gutter, Wide Outside Lanes, Bike Lanes, and Sidewalks
Speed Limit:	41
Length (miles):	0.93
Facility Type:	Arterial
Access Control:	Partial
Functional Classification:	Major Collector
Terrain Type:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	41588.33
Travel Time Savings for 30 Years (Autos):	41588.33
Travel Time Savings for 30 Years (Trucks):	0
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	Yes
CTP/LRTP Name:	FBRMPO CTP
CTP/LRTP Completion Year:	2008
Submitted by:	French Broad River MPO

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT Online tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 13	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
French Broad River MPO	100%	0	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		0	0

Project Cost and Source

Construction Cost:	\$11,323,000	Cost Estimation Tool
Right-of-Way Cost:	\$505,000	Cost Estimation Tool
Utilities Cost:	\$61,000	Cost Estimation Tool
Total Project Cost:	\$11,889,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$11,889,000	